



## Statistics Review Lesson 1 - Practice Set A - Handout

Name:

Date:

The shape of a distribution of data can visually provide you information about trends, patterns and outliers. Measures of center can summarize data and help you to understand more about the data set.

The data set below shows the amount weekly sales in dollars at a popular fashion store. Use this data set to answer the following questions.

Week 1: \$ 3, 500  
Week 2: \$ 3, 000  
Week 3: \$ 2, 150  
Week 4: \$ 2, 000  
Week 5: \$10,000

1. What does the distribution of data tell you?
2. Are there any outliers? How do you know?
3. What is the mean of the weekly sales for the shop over these five weeks?  
Show how you found the mean.
4. What is the median? Show how you found the median.
5. What conclusions can you make regarding the shape of the data distribution?